

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

09/548998D

OIPE

7-22-02

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THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

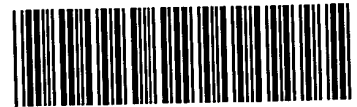
1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002
 TIME: 14:57:40

Input Set : N:\Crf3\07022002\I548998C.raw
 Output Set: N:\CRF3\07222002\I548998D.raw

Does Not Comply
 Corrected Diskette Needed

1 <110> APPLICANT: EBERSOLE, RICHARD C.
 2 HENDRICKSON, EDWIN
 3 <120> TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS FOR THE IDENTIFICATION OF
 4 DECHLORINATING BACTERIA
 5 <130> FILE REFERENCE: BC1002 US NA
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/548,998D
 7 <141> CURRENT FILING DATE: 2002-06-13
 8 <150> PRIOR APPLICATION NUMBER: 60/129,511
 9 <151> PRIOR FILING DATE: 1999-04-15
 10 <160> NUMBER OF SEQ ID NOS: 60
 11 <170> SOFTWARE: Microsoft Office 97

ERRORRED SEQUENCES

165 <210> SEQ ID NO: 7
 166 <211> LENGTH: 1443
 167 <212> TYPE: DNA
 168 <213> ORGANISM: Dehalococcoides ethenogenes
 169 <400> SEQUENCE: 7

170	gatgaacgct agcggcgtgc cttatgcatg caagtcgaac ggtcttaagc aattaagata	60
171	gtggcaaacg ggtgagtaac gcgtaagtaa cctacctcta agtgggggat agcttcggga	120
172	aactgaaggt aataccgcat gtgatgggct gacataagtc ggttcattaa agccgcaagg	180
173	tgcttggtga ggggcttgcg tccgattagc tagttggtgg ggtaatggtc taccaaggct	240
174	tcgatcggta gctggtctga gaggatgatc agccacactg ggactgagac acggggccaga	300
175	ctcctacggg aggcagcagc aaggaatctt gggcaatggg cgaaagcctg accagcaac	360
176	gccgcgtgag ggaatgaaggc ttctgggttg taaacctctt ttcacaggga agaataatga	420
177	cggtaacctgt ggaataagct tcggctaact acgtgccagc agccgcggta atacgtaggg	480
178	aagcaagcgt tatccggatt tattgggcgt aaagtgagcg taggtggtct ttcaagttgg	540
179	atgtgaaatt tcccggctta accgggacgt gtcattcaat actgttggaac tagagtacag	600
180	caggagaaaa cggaattccc ggtgtagtgg taaaatgcgt agatatcggg aggaacacca	660
181	gaggcgaaag cggttttcta ggttgctact gacactgagg ctcgaaagcg tggggagcga	720
182	acagaattag atactctggt agtccacgcc ttaaactatg gacactaggt atagggagta	780
183	tcgacctctt ctgtgccgaa gctaacgctt taagtgtccc gcctggggag tacggtcgca	840
184	aggctaaaac tcaaaggaat tgacgggggc ccgcacaagc agcggagcgt gtggtttaat	900
185	tcgatgctac acgaagaact taccaagatt tgacatgcat gaagttagtga accgaaaggg	960
186	aaacgacctg ttaagtcagg agtttgacac ggtgctgcat ggctgtcgtc agctcgtgcc	1020
187	gtgaggtggt ggggttaagtc ctgcaacgag cgcaaccttg ttgctagtta aattttctag	1080
188	cgagactagc gagactgccc cgcgaaacgg ggaggaagggt ggggatgacg tcaagtcagc	1140
189	atggccttta tatcttgggc tacacacacg ctacaatgga cagaacaata ggttgcaaca	1200
190	gtgtgaactg gagctaattc ccaaagctgt cctcagttcg gattgcaggc tgaaaccgcg	1260
191	ctgcatgaag ttggagttgc tagtaaccgc atatcagcaa ggtgcggtga atacgttctc	1320
E--> 192	gggccttgta cacaccgccc gtcacgtcat ganagccggt aacacttgaa gtcgatgtgc	1380

→ not detected in
 sequence. see p. 3
 for explanation

RAW SEQUENCE LISTING
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Input Set : N:\Crf3\07022002\I548998C.raw
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193	caaccgcaag gaggcagtcg ccgaggggtgg gactggtaat tgggacgaag tcgtaacaag	1440
194	gta	1443

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002
TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw
Output Set: N:\CRF3\07222002\I548998D.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:7; N Pos. 1353

Seq#:8; N Pos. 5,11,18,21,28,37,42

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw
Output Set : N:\CRF3\07222002\I548998D.raw

L:6 M:270 C: Current Application Number differs, Wrong Format
L:192 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7
L:200 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:204 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:208 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:212 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:216 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:220 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:224 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:354 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:386 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:390 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:394 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:398 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:402 M:256 W: Invalid Numeric Header Field, <220> has non-blank data